

## Thrive in the New Digital Economy with Flexible, Integrated, and Extensible Manufacturing ERP on a Future-Proof Cloud Platform

Acumatica Manufacturing Edition helps manufacturers improve profits, maximize resources, and reduce costs. An extensive suite of connected business applications provides unparalleled manufacturing depth for production, estimating, engineering, material planning, scheduling, product configuration, and manufacturing data collection. Extend your system with native field service, commerce, and project accounting. Acumatica provides ease of use and rapid integrations to connect modern technologies, including cloud computing, big data and analytics, additive manufacturing, robotics, and the Industrial Internet of Things, for streamlined processes and meaningful insights into manufacturing operations. Streamline activities with role-based dashboards and simplify security with customer and vendor restrictions by branch and pre-defined security roles for engineers, planners, production managers, schedulers, and more.

### DESIGNED FOR YOUR INDUSTRY

- Aerospace and Defense
- Apparel and Textile Products
- Automotive and Transportation
- Chemical and Cosmetics
- Electronics and Electrical
- Fabricated Metal Products
- Food and Beverage
- Furniture and Home Goods
- Instruments and Medical Devices
- Lumber and Wood Products
- Non-Metallic Minerals
- Plastics and Rubber
- Primary Metals
- Other Manufacturing Industries

### FLEXIBLE MANUFACTURING METHODOLOGIES

- Make to Stock (MTS)
- Make to Order (MTO)
- Engineer to Order (ETO)
- Assemble to Order (ATO)
- Configure to Order (CTO)
- Job Shop
- Project-Centric
- Batch-Driven

### KEY BENEFITS

#### BOOST EFFICIENCY

- Connect data, systems, and processes on a single platform
- Optimize inventory and improve supplier collaboration
- Meet schedules with time-phased MRP and finite capacity scheduling
- Save time with manufacturing side panels by providing direct access to production, bill of material, item, inventory, project, customer, engineering, and order details without leaving data entry screens

#### MAKE BETTER DECISIONS

- Use predefined and custom-configured dashboards and business intelligence for real-time information
- Manage by exception with alerts for low stock, machine downtime, high costs or time, and other production metrics

#### REDUCE COSTS

- Streamline processes with backflushing and barcoding
- Minimize IT costs with a comprehensive ERP with unlimited user licensing

#### THRILL CUSTOMERS

- Connect manufacturing estimates, product configuration, and orders with CRM for better service
- Reduce manufacturing cycle times for improved fulfillment and higher product quality

The image shows the Acumatica Manufacturing Edition user interface. The desktop view features a navigation sidebar on the left with options like 'Data Views', 'Bills of Material', 'Product Configurator', 'Payables', 'Sales Orders', 'Purchases', 'Inventory', 'Production Orders', 'Material Require...', 'Estimating', 'Integration', and 'Dashboards'. The main dashboard area includes several key performance indicators (KPIs) such as 'LATE PRODUCTION ORDERS' (17), 'PRODUCTION ORDERS WITH PAST DUE OPERATIONS' (17), 'ORDERS TO RELEASE TODAY' (14), and 'ORDERS TO RELEASE THIS WEEK' (0). It also displays various charts: 'WORK QUEUES' (bar chart), 'LABOR VARIANCES % BY MONTH' (bar chart), 'PRODUCTION ORDERS BY STATUS' (donut chart), and 'TOP 5 VARIANCES THIS PERIOD' (bar chart). A table titled 'ORDERS NOT STARTED' is visible at the bottom of the dashboard. On the right, a smartphone displays a mobile version of the interface, showing a 'CHANGE REQUESTS PENDING APPROVAL' notification (3) and a 'CHANGE ORDERS PENDING APPROVAL' notification (1). Below these, there is a 'CHANGE REQUESTS' bar chart and a table for 'APPROVED ECRs NOT CONVERTED'.

Access the entire application and enter transactions anytime, anywhere, from a browser, ruggedized scanner, or mobile device.

## MANUFACTURING EDITION FEATURES AND CAPABILITIES

<b>Bill of Material</b>	Create production specifications for materials, quantities, and routing labor operations for costing and scheduling. Leverage backflushing, phantoms, and BOM compare to streamline processes.
<b>Production Management</b>	Track material, outside process, and labor costs by work order. Compare the estimated/planned/standard production costs to the actual costs of the production order. Maintain lot and serial traceability throughout the item's lifecycle with preassigned lot and serial numbers for finished goods.
<b>MRP</b>	Material Requirements Planning (MRP) generates time-phased manufacturing and purchasing plans for optimal inventory availability tied to demand forecasts and customer demand. Reduce inventory while improving customer service. Manage plans by site or across multiple locations.
<b>Estimating</b>	Improve manufacturing estimate accuracy. Integrate estimates with CRM quotes and create estimates using material, overhead, labor, and other miscellaneous costs. This is an optional module.
<b>Product Configurator</b>	Streamline the creation of complex bills of material and routings with the rules-based product configurator. Use options and values to configure finished goods. This is an optional module.
<b>Advanced Planning and Scheduling</b>	Schedule labor operations against finite capacity constraints. Use rough-cut capacity planning (RCCP) to verify capacity requirements for the master schedule. Visualize your production schedule with a graphical view of production order schedules by work center and machine. Adjust constraint dates and priorities and firm schedules from the visual schedule board. Maximize work center utilization and manage bottleneck resources with scheduling inquiries and reports. This is an optional module.
<b>Engineering Change Control</b>	Manage version control and updates to bills of material (BOM) and routings while controlling effectivity dates that impact material planning, costing, and scheduling. Gain insights into pending changes with full audit capabilities for historical changes. This is an optional module.
<b>Manufacturing Data Collection (MDC)</b>	Print barcoded reports and labels to scan material movement and labor transactions directly from the shop floor in real-time. This is an optional module.
<b>Acumatica for Arena Native Connector</b>	Acumatica for Arena Native Connector enables manufacturing engineers to design newly manufactured parts and modify existing parts inside Arena. In addition, connectivity eliminates duplicate data entry, automating the hand-off from engineering to manufacturing.
<b>Order Management</b>	Centrally manage sales activities such as quote entry, sales order fulfillment, shipment creation, and price management. Reduce costs and improve vendor relationships by automating and centralizing purchasing processes. For example, automate purchase requests and obtain vendor bids.
<b>Inventory Management</b>	Manage inventory receipts, warehouse transfers, and transfers to production orders. Track inventory by warehouse, bin, and location with cradle-to-grave lot and serial traceability. Manage inventory valuations, perishable inventory expiration dates, and use matrix items to manage product families.
<b>Advanced Financials</b>	The full suite of accounting applications helps you track daily financial operations and generate quarterly and annual financial statements with reporting, analysis, budgeting, and planning tools. Manage international manufacturing production costs with multiple base currencies for flexible and accurate financial reporting.

### ABOUT ACUMATICA

Acumatica Cloud ERP provides the best business management solution for digitally resilient companies. Built for mobile and telework scenarios and easily integrated with the collaboration tools of your choice, Acumatica delivers flexibility, efficiency, and continuity of operations to growing small and midmarket organizations. **Business Resilience. Delivered.**

Contact us today to get started: [888-228-8300](tel:888-228-8300) | [acumatica.com](https://acumatica.com)